

RECEIVED
CENTRAL FAX CENTER

SEP 7 - 2007

Amendments to Claims

1. **(Currently Amended)** A fuel cell power plant, comprising:
a plurality of fuel cells, each cell having an anode, a cathode and a proton
exchange membrane disposed between the anode and the cathode;
fuel reactant flow fields on an anode side of said membrane and oxidant reactant
5 flow fields on a cathode side of said membrane, each of said flow fields having an inlet and
an outlet;
a source of hydrogen-rich fuel gas, said hydrogen-rich fuel gas being applied to
said fuel reactant flow fields;
a source providing oxidant reactant gas to said oxidant flow fields;
10 an impeller connected to at least some of said fuel flow field outlets for pumping
partially depleted fuel to at least some of said fuel flow field inlets;
said impeller comprising a compressor of a turbocompressor, a turbine of which
is driven by either (a) said source of hydrogen-rich fuel gas, or (b) oxidant reactant gas
flowing from said oxidant flow field outlets.

2. **(Original)** A fuel cell power plant according to claim 1, wherein: said source
providing oxidant reactant gas is an air pump.

3. **(Original)** A fuel cell power plant according to claim 1 wherein:
said source providing oxidant reactant gas is an air blower.

4. **(Original)** A fuel cell power plant according to claim 1, wherein:
said impeller is connected between all of said fuel flow field outlets and all of said
fuel flow field inlets.

5, 6. **(Cancelled)**

7. **(New)** A fuel cell power plant, comprising:
a plurality of fuel cells, each cell having an anode, a cathode and a proton
exchange membrane disposed between the anode and the cathode;
fuel reactant flow fields on an anode side of said membrane and oxidant reactant
5 flow fields on a cathode side of said membrane, each of said flow fields having an inlet and
an outlet;

a source of hydrogen-rich fuel gas, said hydrogen-rich fuel gas being applied to said fuel reactant flow fields;

a source providing oxidant reactant gas to said oxidant flow fields;

10 an impeller connected to at least some of said fuel flow field outlets for pumping partially depleted fuel to at least some of said fuel flow field inlets;

said impeller comprising a compressor of a turbocompressor, a turbine of which is driven by oxidant reactant gas flowing from said oxidant flow field outlets.

8. (New) A fuel cell power plant according to claim 7, wherein: said source providing oxidant reactant gas is an air pump.

9. (New) A fuel cell power plant according to claim 7 wherein:
said source providing oxidant reactant gas is an air blower.

10. (New) A fuel cell power plant according to claim 7, wherein:
said impeller is connected between all of said fuel flow field outlets and all of said fuel flow field inlets.